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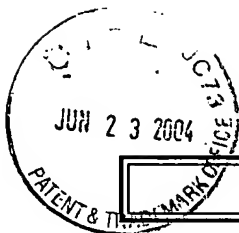
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UTILIZING A CATHODE FRAME
TYPE GATE
First Named Inventor: Benjamin Russ
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Title of Invention	FIELD EMISSION DISPLAY UTILIZING A CATHODE FRAME TYPE GATE									
<p>Application Number: 10/702202 </p> <p>Date: 2003-11-04</p> <p>First Named Applicant: Benjamin</p> <p>Confirmation Number: 7112</p> <p>Attorney Docket Number: 81163(7114)</p>										
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDSA-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	IDSA-usidst.xml		us-ids.dtd		us-ids.xsl
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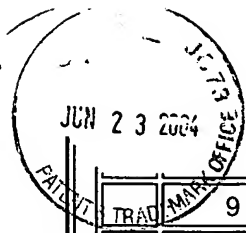


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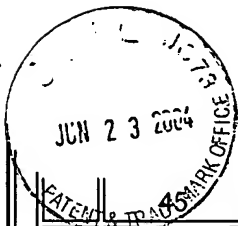
Electronic Version v18

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9	5689151	1997-11-18	Wallace
10	5773921	1998-06-30	Keesmann, et al
11	5949394	1999-09-07	Kishino
12	5962959	1999-10-05	Iwasaki
13	5986390	1999-11-16	Chuman
14	6004912	1999-12-21	Gudeman
15	6031328	2000-02-29	Nakamoto
16	6066922	2000-05-23	Iwasaki
17	6153969	2000-11-28	Levine
18	6194333	2001-02-27	Ryu
19	6323831	2001-11-27	Ono, et al
20	6354898	2002-03-12	Kim
21	6489710	2002-12-03	Okita
22	6650061	2003-11-18	Urayama
23	6670747	2003-12-30	Ito
24	3665241	1972-05-23	Spindt
25	5019003	1991-05-28	Chasen
26	5053673	1991-10-01	Tomii, et al
27	5216324	1993-06-01	Curtin
28	5245247	1993-09-14	Hosogi
29	5340997	1994-08-23	Kuo
30	5448133	1995-09-05	Ise
31	5508584	1996-04-16	Tsai, et al
32	5548185	1996-08-20	Kumar, et al
33	5587628	1996-12-24	Kuo
34	5619097	1997-04-08	Jones
35	5649847	1997-07-22	Haven
36	5717287	1998-02-10	Amrine
37	5811926	1998-09-22	Novich
38	5834891	1998-11-10	Novich
39	5880554	1999-03-09	Liu
40	5910704	1999-06-08	Choo
41	5986625	1999-11-16	Huang
42	6027388	2000-02-22	Jones, et al
43	6039622	2000-03-21	Kosaka, et al
44	6064148	2000-05-16	Tolt



		6094001	2000-07-25	Xie
	46	6097138	2000-08-01	Nakamoto

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020047559	2002-04-25	Frayssinet			
	2	20020185950	2002-12-12	Russ, et al			
	3	20030193297	2003-10-16	Russ, et al			
	4	20030193296	2003-10-16	Russ, et al			

Signature

Examiner Name	Date